

ABSTRACT OF THE DISCLOSURE

A printing machine has at least one machine element which can be adjusted by the use of a setting element. An adjustment of the one machine element has an effect on the quality of the printing performed by the printing machine. An optical detection device, which includes a sensor that is oriented toward the surface of a material which is being printed, detects the quality of the printing. A controlling device receives data from the optical sensor and adjusts, together with the setting element, the at least one machine element based on a difference between a quality of the printing which has been specified as a set value and the quality of the printing detected as an actual value by the optical detection device. This adjustment is done to manage the differences between the set value and the actual value. The control is based on the fact that the quality of the printing is detected in its entirety by the optical detection device and the data is evaluated with regard to disturbing influences acting upon the quality of the printing.